

REMARKS

Claims 11-13, 16-19, 22-25, 28-31 and 34-42 are currently pending and under consideration. By means of the present amendment, claims 11, 17, 22 and 29 have been amended in order to better point out and distinctly claim the invention of the present application. No new matter has been added. Entry of the amendment is respectfully requested. Accordingly, claims 11-13, 16-19, 22-25, 28-31 and 34-42 remain at issue.

Rejections under 35 U.S.C. § 112

Claims 11-13, 16-19, 22, 29-31, 34-38, 41 and 42 was rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. Specifically, claim 11 was rejected for lack of support for a propylcyclohexyl group, a dipropylcyclohexyl group, and a tripropylcyclohexyl group. Although Applicants disagree, in order to advance prosecution, the above groups have been canceled from claim 11, thus rendering the rejection moot.

Claim 17 was rejected because the application was deemed not to provide support for the compounds of formula (II) as set forth in the claim. Although Applicants disagree, in order to advance prosecution, the above compounds of formula (II) have been canceled from claim 17, thus rendering the rejection moot.

Claim 29 was rejected because support for the negative limitation "but do not form an interlocking macrocyclic compound", as recited in independent claim 29, was found to be not clear. Although Applicants disagree, in order to advance prosecution, the above limitation has been canceled from claim 29, thus rendering the rejection moot.

Claim 22 was rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. The rejection states that it is not clear if claim 22 is to be interpreted as requiring "only one" or "at least one" or "all" hole transport layers to be luminescent. Applicants submit that the rejection has been cured by means of the present amendment.

Rejections under 35 U.S.C. § 103

Claims 11-13, 17-19, 23-25 and 29-31 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakada (EP 0 564 224 A2). The rejection was based upon, inter alia, independent claims 11, 17, 23 and 29 not requiring the functions of the electron transport and hole-blocking layer to be provided by two distinct layers (*See* Final Office Action of June 9, 2006, page 9, first full paragraph).

Applicants submit that, whatever it may teach, Nakada fails to disclose or suggest a structure comprising a hole blocking layer and an electron transport layer as taught and claimed in the present application, or any advantages arising from such a structure. Consequently, it is submitted that the rejection has been cured by means of the present amendment, and its withdrawal is respectfully requested.

Conclusion

Applicants respectfully request the issuance of a Notice of Allowance. If the Examiner desires, Applicants welcome a telephone interview to expedite prosecution and is available at the telephone number below. The Commissioner is hereby authorized to deduct any deficiency or credit any overpayment to Deposit Account No. 19-3140.

Respectfully submitted,



W. John Keyes
Registration No. 54,218
Agent for Applicants

SONNENSCHN NATH & ROSENTHAL LLP
P. O. BOX 061080
WACKER DRIVE STATION, SEARS TOWER
CHICAGO, IL 60606
(312) 876-8000